

Comparisons of Job Characteristics

Focus Occupation: [Mixing and Blending Machine Setters, Operators, and Tenders \(51-9023\)](#)
Associated Occupation: [Helpers--Extraction Workers \(47-5081\)](#)

[Compare Knowledge](#)
[Compare Skills](#)
[Compare Abilities](#)
[Compare Detailed Work Activities](#)
[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 55

Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)
Associated Occupation: Helpers--Extraction Workers (47-5081)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	9.9	9.6	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	8.8	7.1	<	Expanded education and/or training may be required
Law and Government	5.9	8.5	2.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)
Associated Occupation: Helpers--Extraction Workers (47-5081)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.0	11.6	0	Current skill level may be sufficient
Equipment Maintenance	3.5	10.0	8.4	<	A higher skill level may be required
Repairing	3.4	10.0	7.1	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.5	11.2	>	Skill level is likely sufficient
Troubleshooting	4.5	9.2	7.1	<	A higher skill level may be required
Quality Control Analysis	5.9	8.9	9.8	>	Skill level is likely sufficient
Equipment Selection	3.3	7.7	5.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 74			
Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023) Associated Occupation: Helpers--Extraction Workers (47-5081)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	11.9	9.1	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.8	9.0	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.4	8.1	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.2	7.4	<<	Extensive improvement in abilities may be required
Far Vision	7.8	11.1	9.2	<	Some improvement in abilities may be required
Depth Perception	5.3	10.6	8.6	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	10.0	7.2	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.2	5.6	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	7.7	4.7	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.8	2.5	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.6	3.5	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 71
Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023) Associated Occupation: Helpers--Extraction Workers (47-5081)		
Work Activities	Exclusivity of Activity	
Clean equipment or machinery	20	
Collect samples for testing	58	
Load, unload, or stack containers, materials, or products	37	
Mix paint, ingredients, or chemicals, according to specifications	35	
Use hand or power tools	2	
Use precision measuring tools or equipment	17	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.